



## ***Nuclear Energy Protocol for Research Isotopes (NEPRI)***

### **Policy for Production and Sale of Research Isotopes**

The Department of Energy (DOE) has established a new protocol—the *Nuclear Energy Protocol for Research Isotopes (NEPRI)*—that will guide the selection of research isotopes for production and distribution beginning in FY 2003 and thereafter.

As part of the NEPRI process, research isotopes customers are asked to complete a NEPRI Isotope Pre-order Form that is peer-reviewed to decide which isotopes DOE will produce each fiscal year. This process is designed to assure DOE's unique production facilities are used to support only the highest quality research and that DOE produces those isotopes that will return the most benefit to the research community and public. DOE is committed to maintain the infrastructure required to support the national need for a reliable supply of isotopes products, services, and related technology used in medicine, industry, and research.

#### **NEPRI Isotopes for FY 2003**

The NEPRI isotope selection process for FY 2003 is now complete. The peer review panel has reviewed each of the isotope requests and made its recommendations based on the merits of the research described therein. The Panel also reviewed DOE's list of commercial isotopes.

The NEPRI list of research isotopes that DOE will produce in FY 2003 are listed on the reverse side of this fact sheet along with

the FY 2003 list of commercial isotopes. Orders for these isotopes will be accepted only between June 1 and September 15, 2002. For more information, contact the Isotope Business Office listed on the other side of the fact sheet.

#### **What about research isotopes for FY 2004?**

If you wish DOE to consider making your research isotope in FY 2004, then you will need to complete the NEPRI Isotope Pre-order Form early in 2003. If you have received one for FY 2003, then you are already on our mailing list. If not, and you wish to be on our mailing list, contact the Isotope Business Office listed on the reverse side of this fact sheet. Preference is given to those research isotope customers who file the completed form. Failure to do so may result in your isotope not being made by DOE.



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### NEPRI list of Research Isotopes for FY 2003

Actinium-225  
Arsenic-73  
Copper-67  
Holmium-166  
Iron-52\*  
Silicon-32  
Tin-117m  
Tungsten-188/Rhenium-188

*\*Not in current production*

### Commercial Isotopes for FY 2003

Cadmium-109  
Californium-252  
Cobalt-60  
Germanium-68  
Iridium-192  
Iron-55  
Nickel-63  
Selenium-75  
Sodium-22  
Strontium-82  
Yttrium-88

### Radioactive Isotopes Currently Sold From Inventory

Aluminum-26	Plutonium-242
Americium-241	Polonium-209
Americium-243	Technetium-99
Bismuth-207	Thorium-229
Curium-244	Thorium-230
Curium-248	Titanium-44
Plutonium-238	Uranium-234
Plutonium-239	Uranium-235
Plutonium-240	Uranium-238
Plutonium-241	

### Stable Isotopes Sales

Stable isotopes, including lithium-6 and -7, will continue to be sold from inventory. Contact the Isotope Business Office listed below for details.

#### For Further Information Contact:

Oak Ridge National Laboratory  
Isotope Business Office  
P.O. Box 2009  
Oak Ridge, TN 37831-8044  
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